



Docket Number BD-3533

Patent

#6 / Response
2/18/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Andrews, et al

Serial Number: 09/126,806

Examiner: W. Berry

Filed: July 31, 1998

Group Art Unit: 3723

For: Rotary Dressing Tool Containing Brazed Diamond Layer

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Sir:

Amendment Under 37 CFR Section 1.111

This amendment is in response to an office action mailed July 29, 1999, in the above-captioned patent application.

Claims 1-12, all claims pending in the application, stand rejected under 35 USC Section 103(a) over U.S. Pat. No. 4,860,721 to Matsuda ("Matsuda"), in view of U.S. Pat. No. 5,916,013 To Naumann ("Naumann"). Applicants respectfully traverse the rejections.

REMARKS

The Matsuda Patent

The Matsuda patent is directed towards a cutting saw comprising a metal matrix composite containing a discontinuous phase of abrasive grain. Pressed metal powder is formed into an alternating convex/concave structure and the structure is sintered to the outer perimeter of a metal disc to form the cutting saw. See col.s 1 and 2. Matsuda does not suggest (nor would it be possible) forming an abrasive rim for a cutting saw made of a single layer of diamond brazed together without some means of mechanical support. The structures of the Matsuda tool and Applicants tool are significantly different because the respective tools are designed for entirely different uses.

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